LOWER COOK INLET AREA, ALASKA COMPOSITE E-LOG SECTION 1976 GLACIAL AND FLUVIAL GRAVELS AND CLAYS. MASSIVE SAND AND CONGLOMERATE, INTERBEDDED SILT AND CLAY, COALS LIGNITIC. OFTEN POORLY CONSOLIDATED. MAJOR GAS ACCUMULATION AT BELUGA, NORTH COOK INLET, SWANSON RIVER, CEN BEAVER CREEK, STERLING AND KENAL 0 NO KNOWN OIL ACCUMULATION. INTERBEDDED CONGLOMERATE, SAND, SILT AND CLAY WITH MINOR COAL. THIN-BEDDED, DISCONTINUOUS. MAJOR GAS ACCUMULATION AT BELUGA, NORTH COOK INLET AND KENAI. NO KNOWN OIL ACCUMULATION. MIOCEN A SILTSTONE-CLAYSTONE SEQUENCE CONTAINING MASSIVE BLOCKY SAND AND CONGLOMERATE, AND WELL DEVELOPED MASSIVE COAL BEDS 10' - 25' MAJOR OIL ACCUMULATION AT GRANITE POINT, TRADING BAY, MCARTHUR RIVER, MIDDLE GROUND SHOAL AND BEAVER CREEK. MAJOR GAS ACCUMULATION AT MCARTHUR RIVER, MIDDLE GROUND SHOAL AND KENAI. 0 G ш \circ MIDDL **Z** SAND AND CONGLOMERATE WITH INTERBEDDED SILTSTONE AND MINOR COAL, MAJOR OIL ACCUMULATION AT MCARTHUR RIVER, REDOUBT SHOAL, TRADING BAY, MIDDLE GROUND SHOAL AND SWANSON RIVER. NO KNOWN DRY GAS ACCUMULATION. ENE TUFFACEOUS SILTSTONE AND CLAYSTONE WITH OCCASIONAL INTERBEDDED SAND AND CONGLOMERATE, MINOR COAL. 0 MAJOR OIL ACCUMULATION AT McARTHUR RIVER. NO KNOWN DRY GAS ACCUMULATION. OFTEN CONSIDERED ECONOMIC BASEMENT FOR THE KENAI GROUP. 0 CRETACEOUS: WELLS DRILLED THROUGH THE TERTIARY IN THE EASTERN COOK INLET (EAST OF KALGIN ISLAND) HAVE ENCOUNTERED UPPER CRETACEOUS SEDIMENTARY ROCKS OF UNKNOWN THICKNESS. THESE ROCKS ARE THOUGHT TO BE OF THE MATANUSKA FORMATION, OR THE AGE EQUIVALENT, AND CONSIST OF SILTSTONE WITH INTERBEDDED SANDSTONE. THERE ARE NO KNOWN SURFACE EXPOSURES OF THE CRETACEOUS SEDIMENTARY ROCKS IN THE EASTERN COOK INLET BASIN. TO DATE, LITTLE OR NO PETROLEUM RESERVOIR POTENTIAL HAS BEEN ENCOUNTERED IN THE SUBSURFACE. JURASSIC: WELLS DRILLED THROUGH
THE TERTIARY ON, AND WEST
OF, KALGIN ISLAND HAVE ENCOUNTERED JURASSIC VOLCANICS AND SEDIMENTARY ROCKS. LITTLE RESERVOIR POTENTIAL HAS BEEN ENCOUNTERED TO DATE IN THE WELLS. JURASSIC SEDIMENTARY ROCKS ARE WELL EXPOSED
ON THE WEST SIDE OF COOK INLET, AND
EXHIBIT GOOD PETROLEUM SOURCE POTENTIAL. Q 7 METERS FEET This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. It has not been updated since 200 its original compilation. 300 -

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